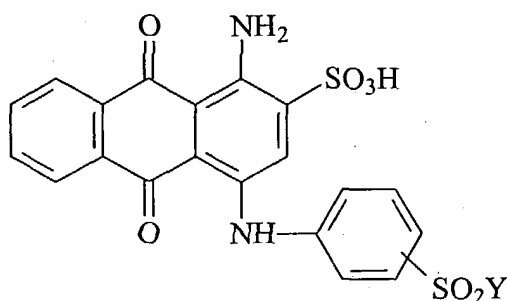


WHAT IS CLAIMED IS:

1. A dye composition comprising:

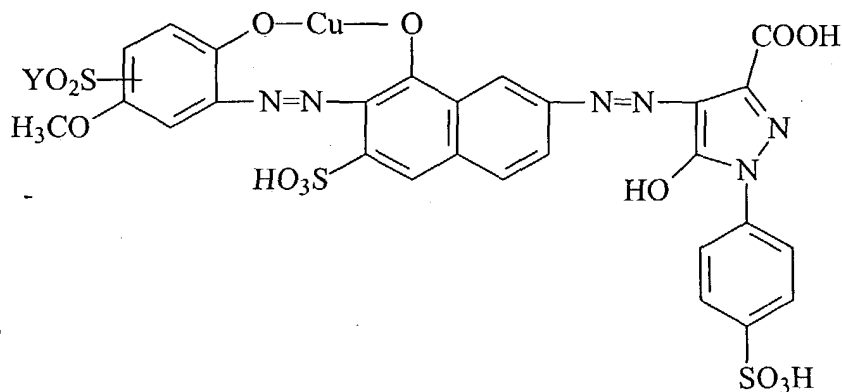
(a) a blue anthraquinone dye of the following formula (I)



(I)

wherein Y is -CH=CH₂, -CH₂CH₂Cl, or -CH₂CH₂OSO₃H; and

(b) a gray-black azo dye of the following formula (II)



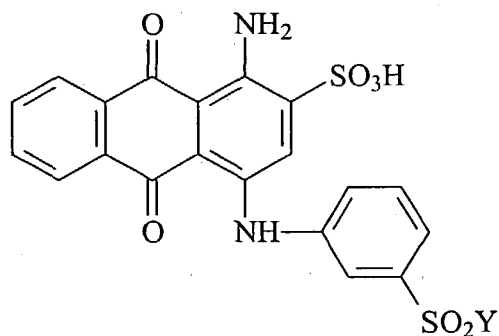
(II)

wherein Y is defined as the above.

2. The dye composition of claim 1 comprising formula (I) 15 to 85% by weight, and formula (II) 85 to 15% by weight.

3. The dye composition of claim 1 comprising formula (I) 30 to 70% by weight, and formula (II) 70 to 30% by weight.

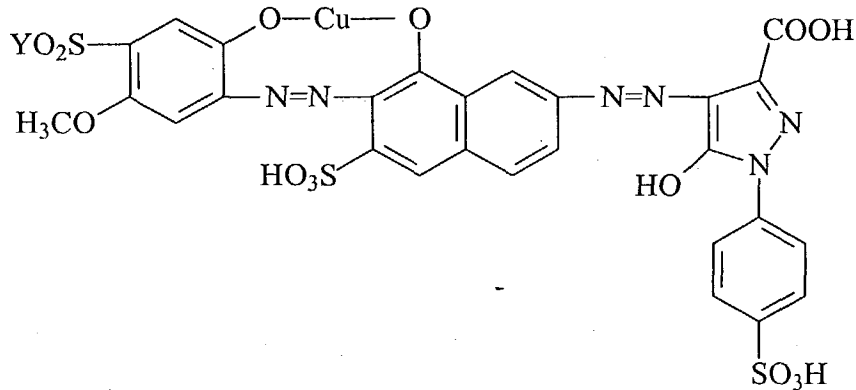
4. The dye composition of claim 1, wherein said formula (I) is the following formula (Ia)



(Ia)

wherein Y is $-\text{CH}=\text{CH}_2$, $-\text{CH}_2\text{CH}_2\text{Cl}$, or $-\text{CH}_2\text{CH}_2\text{OSO}_3\text{H}$.

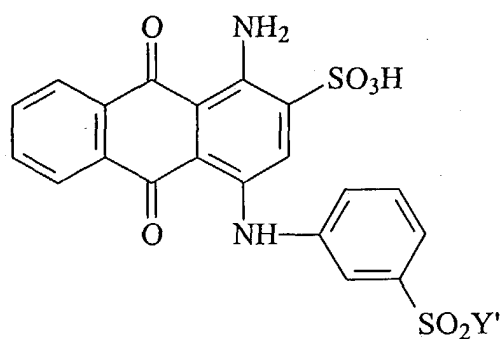
- 5 5. The dye composition of claim 1, wherein said formula (II) is the following formula (IIa)



(IIa)

- 10 wherein Y is $-\text{CH}=\text{CH}_2$, $-\text{CH}_2\text{CH}_2\text{Cl}$, or $-\text{CH}_2\text{CH}_2\text{OSO}_3\text{H}$.

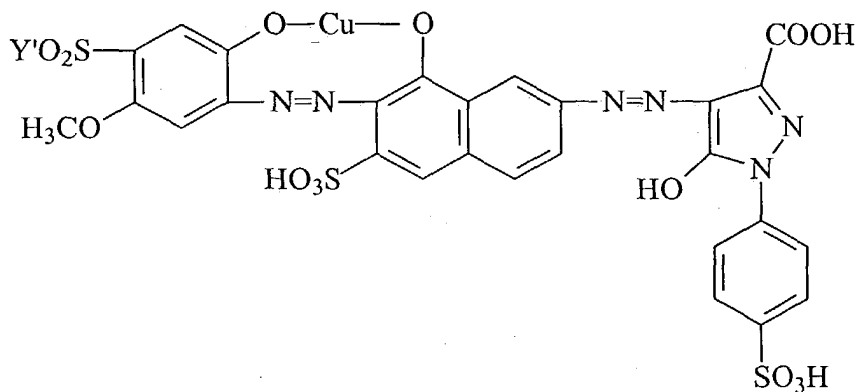
6. The dye composition as claimed in claim 1, wherein said formula (I) is the following formula (Ib)



(Ib)

wherein Y' is $-\text{CH}=\text{CH}_2$ or $-\text{CH}_2\text{CH}_2\text{OSO}_3\text{H}$.

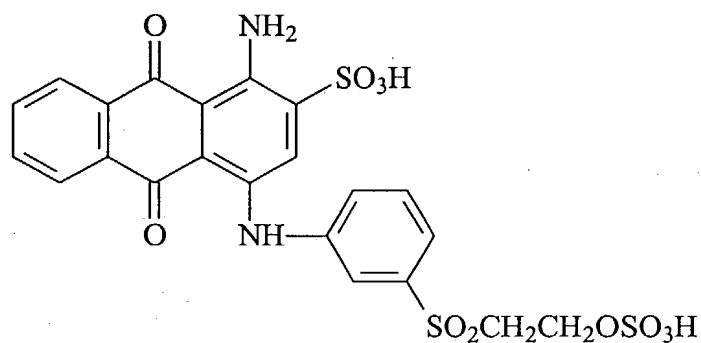
7. The dye composition of claim 1, wherein said formula (II) is the
 5 following formula (IIb)



(IIb)

wherein Y' is $-\text{CH}=\text{CH}_2$ or $-\text{CH}_2\text{CH}_2\text{OSO}_3\text{H}$.

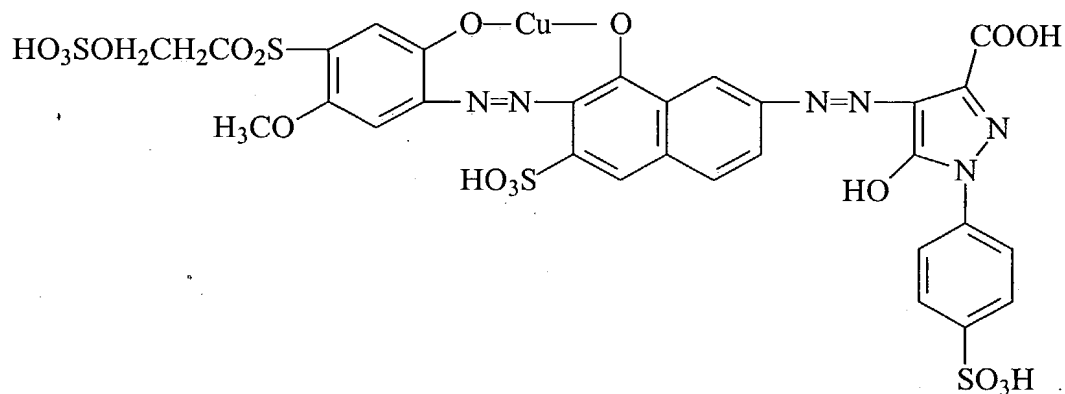
- 10 8. The dye composition of claim 6, wherein said formula (Ib) is the
 compound of the following formula (I-1)



(I-1).

9. The dye composition of claim 7, wherein said formula (IIb) is the compound of the following formula (II-1)

5



(II-1).

10. A method for dyeing or printing fiber materials containing hydroxyl or amino groups, in particular for cellulose fiber materials, which use a solution containing a dye composition of claim 1 to dyeing fiber materials.

11. The method of claim 10, wherein said cellulose fiber material is cotton.

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